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Substitute for form 1449/APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				C mplete if Kn wn	
				Application Number	
				Filing Date	
				First Named Inventor	Paul Rudolf
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	121306.00002
Sheet	1	of	5		

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,515,477	05/7/1996	J.G. Sutherland	
		US-4,974,202	11/27/1990	N. Mukohzaka	
		US-5,526,298	06/11/1996	N. Mukohzaka	
		US-4,701,879	10/20/1987	R.W.A. Scarr	
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		US-6,125,426	09/26/2000	M. Yoneda, et al.	
		US-5,740,274	04/14/1998	J. Ono and A. Osawa	
		US-5,699,449	12/16/1997	B. Javidi	
		US-5,524,177	06/4/1996	T. Suzuoka	
		US-6,067,536	05/23/2000	M. Maruyama, et al.	
		US- 5,511,134	04/23/1996	Y. Kuratomi and H. Ogawa	
		US- 6,272,241 B1	08/7/2001	G.D. Tattersall	
		US- 6,332,137 B1	12/18/2001	T. Hori, et al.	
		US- 6,192,351 B1	02/20/2001	K.C. Persaud	
		US- 5,857,030	01/5/1999	R.S. Gaborski, et al.	
		US- 5,696,838	12/9/1997	C.Chiu, et al.	

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

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Sheet	2	of	5
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Application Number	
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First Named Inventor	Paul Rudolf
Group Art Unit	
Examiner Name	
Attorney Docket Number	121306.00002

U.S. PATENT DOCUMENTS					
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		Number - Kind Code ² (if known)			
		US-5,995,652	11/30/1999	C.Chiu, et al.	
		US-6,038,338	03/14/2000	C.T. Nguyen	
		US-5,615,112	03/25/1997	O. R. Liu Sheng, et al.	
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		US-6,337,926 B2	01/8/2002	K. Takahashi	
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		US-6,078,884	06/20/2000	S.N. Downey	
		US-6,195,638	02/27/2001	G. Ilan and J. Goldberger	
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		US-6,081,620	06/27/2000	E.J. Anderholm	
		US-6,278,798 B1	08/21/2001	K.G. Rao	

[illegible]

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**INFORMATION DISCLOSURE
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Sheet 5 of 5

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Attorney Docket Number	121306.00002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		T. JOACHIMS, "Text Categorization with Support Vector Machines, Proceedings of European Conference on Machine Learning(ECML), 1998, 7 pps.	
		Y. LECUN, et al., "Comparison of Learning Algorithms for Handwritten Digit Recognition," Proceedings ICANN'95- International Conference on Artificial Neural Networks, Vol. II, pages 1-9. EC2, 1995.	
		S. PANKANTI, S. PRABHAKAR AND A.K. JAIN, "On the Individuality of Fingerprints," IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 24, No. 8, August 2002 (in Press). 8 pps.	
		PAUL G. RUDOLF, et al., "Computer Modeling Wave Propagation with a Variation of the Helmholtz-Kirchhoff Relation", Applied Optics, Vol. 29 No. 7, 1 March 1990, 6 pps.	

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